



**Request for City Council Committee Action
From the Department of Public Works**

Date: April 22, 2003

To: Honorable Sandra Colvin Roy, Chair Transportation and Public Works Committee

Referral to: Honorable Barb Johnson, Chair Ways and Means Committee

Subject: **Reallocation of funds for the Animal Care & Control Facility**

Recommendation: Transfer of Implementation US EPA Storm Water Regulations - Sewer Funds to the Animal Shelter Project for the purposes of pervious parking lot construction, by amending the 2003 Capital Improvement Appropriation Resolution for the Capital Property Services Fund by increasing (4100-923-9242) by \$38,500 and increasing revenue source (4100-923-9242-3850) by \$38,500, and Approving the transfer from Sewer Capital (7300-932-9322-9045 Project SW004) to Property Services Capital (4100-923-9242-3850 Project A0258) for \$38,500.

Previous Directives:

- Funding for this project has been approved in the 1995, 1999, and 2002 Capital Budget Request Process.
- The City Council and Mayor authorized Property Services to enter into an agreement with the Architectural firm of Krech, O'Brien, Mueller, and Wass, Inc. in 2002 for the design of the proposed facility.

Prepared: Paul Miller, Project Manager, 673-3603

Approved: Klara A. Fabry, Director of Public Works

By: Steve Kotke _____, Director of Property and Equipment Services

Presenters: Paul Miller, Project Manager

Financial Impact (Check those that apply)

☐ No financial impact - or - Action is within current department budget.
(If checked, go directly to Background/Supporting Information)

☒ Action requires an appropriation increase to the Capital Budget

☐ Action requires an appropriation increase to the Operating Budget

☒ Action provides increased revenue for appropriation increase

☐ Action requires use of contingency or reserves

☒ Other financial impact (Explain): Transfer from Fund 7300 to Fund 4100 for the

\$38,500.00

Background/Supporting Information:

In 2002, the City Council and Mayor approved funding for a new Animal Care & Control Facility and authorized Property Services to enter into an agreement with the architectural firm of Krech, O'Brien, Mueller, & Wass for the design of the facility. The City has also just recently received bids for the construction of the facility for which the acceptance of the "Low Qualified Bidder" is being submitted to this committee under separate action.

Under the City's NPDES Storm Water Permit, the City is required to implement and document Best Management Practices (BMPs) to improve storm water runoff. The Animal Shelter project consists of a 0.86acre site. Being under 1.0acre in size, the Project is exempt from adhering to the City of Minneapolis Storm Water Management Ordinance. However, staff recognized the benefit of incorporating storm water BMP's on the site.

During the design of the Project, the Property Services Division worked closely in partnership with the sewer program staff to produce a final site design that drastically reduces storm water runoff generated at the site. The resulting design provides that rainwater captured on the roof of the building will be either directed to the parking lot or to landscaping areas surrounding the building. The parking lot will be constructed using the "Eco-stone" pervious brick pavement system in lieu of the typical bituminous surface. Pervious pavements allow rainwater to pass through the paved surface, thus reducing the amount of rainwater flowing directly into the existing storm drain system. In addition, sub-base materials filter rainwater passing through the system reducing the amount of pollutants that would otherwise enter the storm drain system directly. The result will be an improvement in the storm water quality, and a drastic reduction in storm water runoff generated at the site. Hydrological modeling done for this site indicates that runoff rates will be reduced by over 50% when compared to the typical bituminous paved parking lot.

The Minneapolis Park Board conducts monitoring of all BMP's under the City's NPDES Storm Water Permit. Public Works in conjunction with the Minneapolis Park Board will conduct ongoing stormwater monitoring of the Animal Shelter site. This monitoring data will evaluate the effectiveness of the pervious pavement BMP. The data produced by this BMP monitoring will be entered into the National Stormwater BMP Database for use by stormwater managers throughout the country. This Project and the National Stormwater BMP Database will enable stormwater managers to select effective BMP's for other future uses.

Funding for the installation of a "pervious pavement" parking lot was not included within the original scope of the Animal Shelter Project. Rather, it is proposed that Implementation of US EPA Storm Water Regulations - Sewer Fund fees be used in order to showcase this relatively new technology for the City as a Pilot Project so that an evaluation can take place so as to establish policy for uses in future projects. Based upon the bid prices received the additional cost of installation of a pervious brick pavement system is \$38,500.00. Therefore, we are recommending the transfer of Sewer Funds to the Animal Shelter Project for the purposes of construction of a pervious brick pavement parking lot.